⚠ **WARNING: Carefully read following instructions and technical specifications in this manual before installation. The system must be installed and used only according to this manual. The system is designed for vehicles with 12V power supply. It has to be connected to 12V output and to the ground. Neither producer or seller of the system is responsible for damages caused by incorrect installation, using or operating of this product. Unprofessional operation or modification of the system can damage the system alone, or the electric system of the vehicle and leads to warranty loss. For proper working of the system we recommend the installation to be made by authorized service.**

SYSTEM DESCRIPTION

The RF SMART 4P is an additional module for car alarm TS CAN(ver.USB) which is used to identify an authorized unlocking of the vehicle and subsequent deactivation of immobilisation circuit of TS CAN(ver.USB). When car is unlocked (doors are opened), the system start searching transmitters RC SMART+. If transmitters not found during 10 seconds, the siren chirps 10 times as warning. If transmitters not found during next 10 seconds, the system is triggered, siren hooting and immobilization circuit is still enabled. The RF SMART 4P kit includes antenna, harness and RC SMART+ transmitters.

DESCRIPTION OF RC SMART+ TRANSMITTER

Button
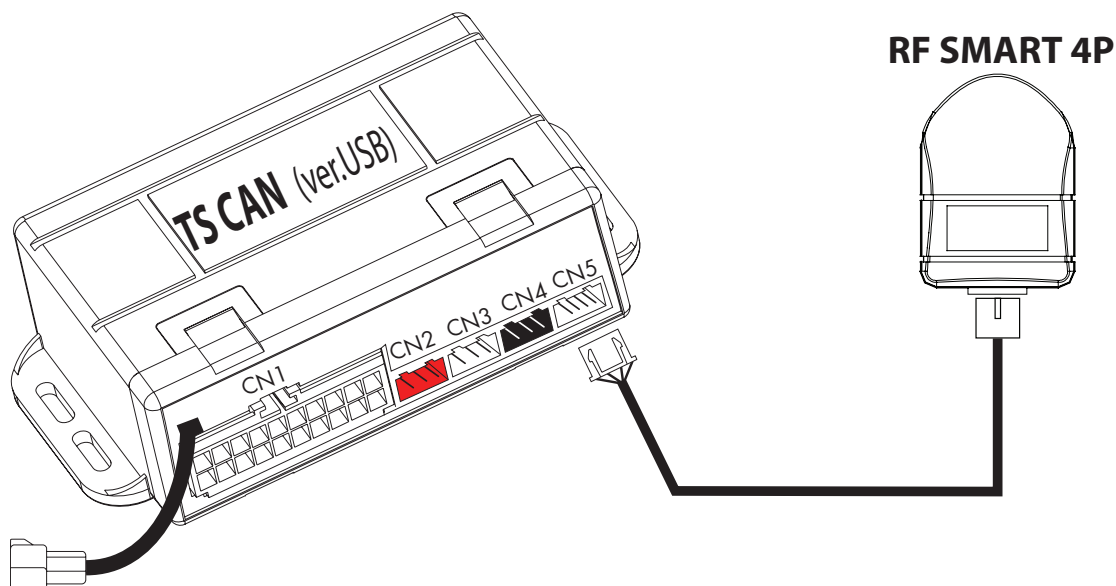
LED diode

I. SYSTEM FUNCTION

The RF SMART+ offers two working mode.
1. For deactivation of TS CAN(ver.USB) system is necessary to press the button on the RC SMART+ transmitter. Immediately after this, the system will be deactivated, immobilization will be disabled and car is able to start engine.
2. Auto transmission mode. When doors are unlocked and opened and the RC SMART+ transmitter is in range, the system tried to identify transmitter. If identification will be successful , the system will be deactivated, immobilization will be disabled and car is able to start engine.

Turn ON/OFF auto transmit function

Anytime, fast press the button 3 times then press and hold it for 3 seconds, LED will flash once slowly to indicate auto transmit has been turned to on, LED flashing twice slowly to indicate auto transmit has been turned to off. Not necessary push the button when auto transmit is turned on, because immobilizer is deactivate automatically if transmitter is in range of main unit.

III. WIRING DIAGRAM

Set auto transmit power

Anytime, fast press the button twice and then press and hold it for 2 seconds, to set the auto transmit power is grade I or II or III or IV.
The red LED will flash 1 or 2 times or 3 times or 4 times for grade I or II or III or IV.
Note: The distance for Grade **I** is 5 meters, distance for Grade **II** is 10 meters, the distance for Grade **III** is 15 meters and the distance for Grade **IV** is 20 meters.
Transmit power grade and ANT location can be set freely as user need.

TS CAN(ver.USB) settings for RF SMART 4P cooperation

It is necessary to enable function No.25 in programming table of the TS CAN(ver.USB) for correct cooperation with the RF SMART 4P module. When function is enabled, please, to program the RC SMART+ transmitter into system.

Programming remote controls

The system can learning maximum 10 pcs RC SMART+ transmitters.
- activate the service mode (see section VIII in TS CAN (ver.USB) manual)
- turn on the ignition and press service button 6 times within 10 seconds.
- turn off the ignition, the siren chirps 6 times and LED will start to flash - learning mode.
- press the button on transmitter. System confirm successfully learned transmitter by siren chirp. The siren chirp how many times as numbers of programmed transmitter.
- for exit from learning mode press service button.
Note: When you learning new transmitters. the system automatically erase already programmed transmitters.

II. EMERGENCY DEACTIVATION

1. Open the door and turn ignition on.
2. Push the valet button so many times, which is the value of the first number in PIN code within 8 seconds and then turn off the ignition. The LED flash once.
3. Push the valet button so many times, which is the value of the second number in PIN code. The LED flash three times.
4. Push the valet button so many times, which is the value of the third number in PIN code. The LED flash three times.
5. Push the valet button so many times, which is the value of the fourth number in PIN code. The LED flash three times, the siren will sound 2 times, and system will be disarmed.
Note: Default PIN code is 4321.
Note: number „0" is entered by pressing the button 10 times

RF SMART 4P